

chain nodes :

8 9 10 13 14 17 24 25 26 27 28 29 30 31 32 33 39 40 41 42 54 55 56
57 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 90 91 92 93 94 105

ring nodes :

1 2 3 4 5 6 18 19 20 21 22 23 34 35 36 37 38 43 44 45 46 47 75 76
77 78 79 80 81 82 83 84 85 86 87 88 89

chain bonds :

3-8 4-105 5-54 8-9 9-10 10-13 13-14 17-18 17-24 25-26 26-27 28-29 28-30 29-31
31-32 33-34 35-41 36-40 38-39 42-43 55-56 55-58 55-62 56-57 59-60 59-63 60-61
64-65 64-68 64-69 65-66 70-71 70-72 73-74 77-90 78-92 83-94 87-91 88-93

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 18-19 18-23 19-20 20-21 21-22 22-23 34-35 34-38 35-36
36-37 37-38 43-44 43-47 44-45 45-46 46-47 75-76 75-79 76-77 77-78 78-79 80-81
80-84 81-82 82-83 83-84 85-86 85-89 86-87 87-88 88-89

exact/norm bonds :

3-8 5-54 13-14 17-18 18-19 18-23 19-20 20-21 21-22 22-23 28-29 29-31 34-35
34-38 35-36 36-37 37-38 43-44 43-47 44-45 45-46 46-47 55-56 55-58 55-62 59-60
59-63 64-65 64-68 64-69 65-66 70-71 73-74 75-76 75-79 76-77 77-78 78-79 78-92
80-81 80-84 81-82 82-83 83-84 83-94 85-86 85-89 86-87 87-88 88-89 88-93

exact bonds :

4-105 8-9 9-10 10-13 17-24 25-26 26-27 28-30 31-32 33-34 35-41 36-40 38-39
42-43 56-57 60-61 70-72 77-90 87-91

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:[*1],[*2],[*3],[*4],[*5]

G3:H,Cy,Ak

G4:[*6],[*7],[*8],[*9],[*10],[*11],[*12],[*13]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS
25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:CLASS 40:CLASS 41:CLASS 42:CLASS
43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 54:CLASS 55:CLASS 56:CLASS 57:CLASS
58:CLASS 59:CLASS 60:CLASS 61:CLASS 62:Atom 63:Atom 64:CLASS 65:CLASS 66:CLASS
68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS 75:Atom 76:Atom
77:Atom 78:Atom 79:Atom 80:Atom 81:Atom 82:Atom 83:Atom 84:Atom 85:Atom 86:Atom
87:Atom 88:Atom 89:Atom 90:CLASS 91:CLASS 92:Atom 93:Atom 94:Atom 105:CLASS

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=>

Uploading C:\STNEXP4\QUERIES\10046616.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 13:50:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 153 TO ITERATE

100.0% PROCESSED 153 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2318 TO 3802

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 13:50:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3118 TO ITERATE

100.0% PROCESSED 3118 ITERATIONS

5 ANSWERS

SEARCH TIME: 00.00.01

L4 5 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAPLUS' ENTERED AT 13:50:27 ON 30 NOV 2003

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FILE LAST UPDATED: 28 Nov 2003 (20031128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14

L5 2 L4

=> d 15 1-2 bib hitstr

V. Balasubramanian

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:261678 CAPLUS

DN 138:287691

TI Preparation of 4-aminopyrimidine derivatives as insulin secretion accelerators

IN Yonetoku, Yasuhiro; Maruyama, Tatsuya; Negoro, Kenji; Moritomo, Hiroyuki; Imanishi, Naoki; Shimada, Itsuro; Moritomo, Ayako; Hamaguchi, Wataru; Misawa, Hana; Yoshida, Shigeru; Ohishi, Takahide

PA Yamanouchi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 82 pp.

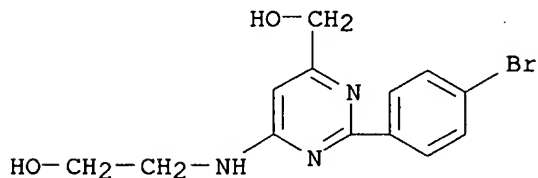
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003026661	A1	20030403	WO 2002-JP9350	20020912
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	JP 2001-279671	A	20010914		
	JP 2002-121012	A	20020423		
OS	MARPAT 138:287691				
IT	504404-63-1P, 2-[[2-(4-Bromophenyl)-6-(hydroxymethyl)pyrimidin-4-yl]amino]ethanol				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of 4-aminopyrimidine derivs. as insulin secretion accelerators for treating diabetes, insulin-resistant diseases, and obesity)				
RN	504404-63-1 CAPLUS				
CN	4-Pyrimidinemethanol, 2-(4-bromophenyl)-6-[(2-hydroxyethyl)amino]- (9CI) (CA INDEX NAME)				



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:63992 CAPLUS

DN 134:116237

TI Preparation of bradykinin B1 receptor antagonists

IN Ohlmeyer, Michael H. J.; Baldwin, John J.; Dolle, Roland E., III;
Paradkar, Vidyadhar; Quintero, Jorge Gabriel; Pan, Gonghua

PA Pharmacopeia, Inc., USA

SO PCT Int. Appl., 231 pp.

CODEN: PIXXD2

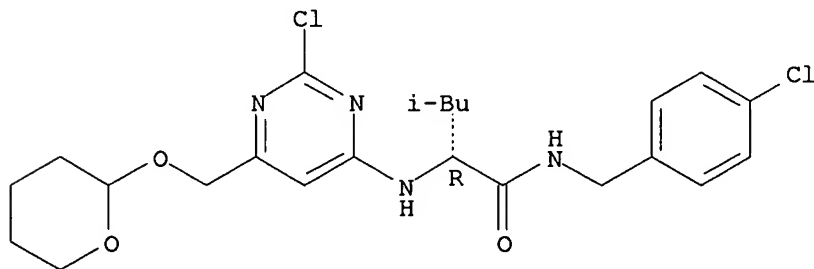
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001005783	A1	20010125	WO 2000-US19185	20000714
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1196411	A1	20020417	EP 2000-950343	20000714
	EP 1196411	B1	20030917		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2003505384	T2	20030212	JP 2001-511442	20000714
PRAI	US 1999-143990P	P	19990715		
	WO 2000-US19185	W	20000714		
OS	MARPAT 134:116237				
IT	321329-06-0P 321329-08-2P 321329-10-6P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(prepn. of bradykinin B1 receptor antagonists)				
RN	321329-06-0 CAPLUS				
CN	Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-chloro-6-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



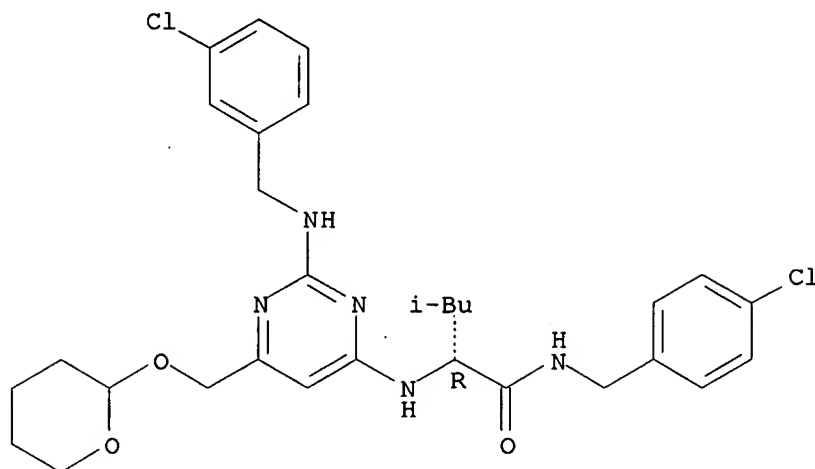
RN 321329-08-2 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[[[(3-chlorophenyl)methyl]amino]-6-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-

V. Balasubramanian

pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

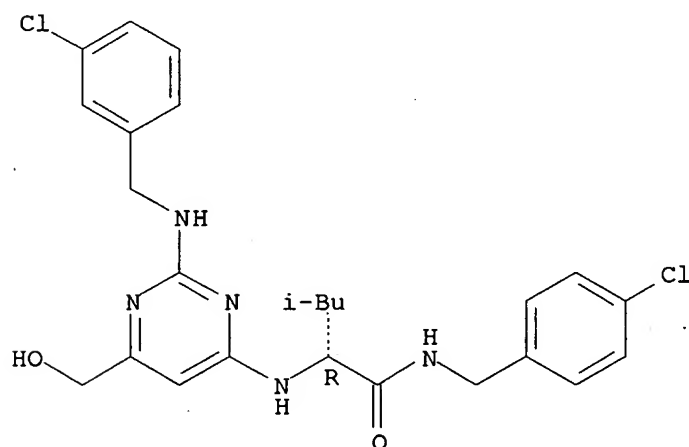
Absolute stereochemistry.



RN 321329-10-6 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[(3-chlorophenyl)methyl]amino]-6-(hydroxymethyl)-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 321329-14-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of bradykinin B1 receptor antagonists)

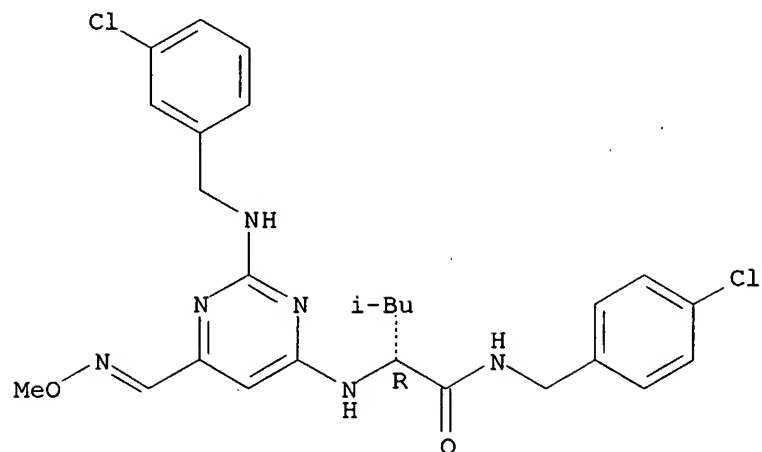
RN 321329-14-0 CAPLUS

CN Pentanamide, N-[(4-chlorophenyl)methyl]-2-[[2-[(3-chlorophenyl)methyl]amino]-6-[(methoxyimino)methyl]-4-pyrimidinyl]amino]-4-methyl-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

V. Balasubramanian



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.68

155.04

STN INTERNATIONAL LOGOFF AT 13:50:45 ON 30 NOV 2003

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1	636	(544/310).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
2	555	(544/318).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
3	754	(544/320).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
4	831	(544/321).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
5	429	(544/324).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
6	390	(544/326).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
7	351	(544/328).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
8	825	(544/331).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
9	1209	(514/269).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26
10	825	(514/275).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26

L Number	Hits	Search Text	DB	Time stamp
1	636	(544/310).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
2	555	(544/318).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:23
3	754	(544/320).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
4	831	(544/321).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
5	429	(544/324).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:24
6	390	(544/326).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
7	351	(544/328).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
8	825	(544/331).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:25
9	1209	(514/269).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26
10	825	(514/275).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/30 14:26